CLAIMS

1. A silicone-treated powder comprising a powder coated on the surface thereof with a silicone compound, wherein an amount of hydrogen generated by Si-H groups remained on the surface of the silicone-treated powder is not more than 0.2 ml/g of treated powder and a contact angle of water with the treated powder is at least 100°.

2. A cosmetic composition comprising the silicone-treated powder according to claim 1, as one ingredient of the formulating material, and a carrier thereof.

3. A cosmetic composition as claimed in claim 2, wherein said cosmetic composition is in the form of a solid foundation, emulsion foundation, pressed powder, face powder, UV blocking stick, lipstick, water-in-oil type emulsion sunscreen, or body powder.

4. A coating composition comprising a silicone-treated powder according to claim 1, as one ingredient of the formulating material, and a carrier thereof.

5. A resin molded article obtained by injection molding a synthetic resin composition containing a silicone-treated powder according to claim 1, as one ingredient of the formulating material and a carrier thereof.

6. A process for producing a silicone-treated powder comprising the steps of:

coating a surface of a powder with (1) a silicone compound having at least one Si-H group or (2) a mixture of the silicone compound (1) and a silicone compound not having an Si-H group; and then

heating the silicone compound coated powder at a temperature of 260 to 500°C for 0.1 to 24 hours.

7. A process for producing a silicone-treated powder as claimed in claim 6, wherein an average particle size of the powder is not more than 0.1 μm and the silicone compound coated powder is heated in the second step at a temperature of 260 to 350°C for 1 to 5 hours.

8. A process for producing a silicone-treated powder as claimed in claim 6, wherein an average particle size of the powder is not less than 0.1 μm and the silicone compound coated powder is heated in the second step at a temperature of 330 to 480°C for 1 to 5 hours.

9. A process for producing a silicone-treated powder as claimed in claim 6, wherein said silicone compound having an Si-H group is a silicone compound having the formula (1):

$$(R^1HSiO)_a(R^2R^3SiO)_b(R^4R^5R^6SiO_{1/2})_c \quad (1)$$

wherein R^1, R^2, and R^3 independently represent a hydrogen atom or a C_1 to C_{10} hydrocarbon group, which may be substituted with at least one halogen atom, provided that R^1, R^2 and R^3 are not simultaneously hydrogen atoms, R^4, R^5 and R^6 independently represent a hydrogen atom or a C_1 to C_{10} hydrocarbon group, which may be substituted with at least one halogen atom, a is an integer of 1 or more, b is 0 or an integer of 1 or more, c is 0 or 2, provided that $3 \leq a+b+c \leq 10000$, and the compound has at least one Si-H group.

10. A process for producing a silicone-treated powder as claimed in claim 9, wherein said silicone compound having an Si-H group is methylhydrogenpolysiloxane, a methylhydrogenpolysiloxane-dimethylpolysiloxane copolymer or tetramethylcyclotetrasiloxane.

11. A process for producing a silicone-treated powder as claimed in claim 6, wherein said heat treatment in the second step is carried out in the air or under an atmosphere of one or more other gases containing moisture of at least an extent of the moisture in the air or under an atmosphere not containing moisture while adding moisture.

12. A cosmetic composition comprising a silicone-treated powder obtained by the process according to claim 6 as one ingredient of the material and a carrier thereof.

13. A cosmetic composition as claimed in claim 12, wherein said cosmetic composition is in the form of a solid foundation, emulsion foundation, pressed powder, face powder, UV blocking stick, lipstick, water-in-oil type emulsion sunscreen, and body powder.

14. A coating composition comprising a silicone-treated powder obtained by the production process according to in claim 6, as one ingredient of the formulating material and a carrier thereof.

15. A resin molded article obtained by injection molding a synthetic resin composition comprising a silicone-treated powder obtained by the process according to claim 6, as one ingredient of the formulating material and a carrier thereof.